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itials	4.					1989), 30(46), 64					\top
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itials*	6.	Cui, Che	ng-Bin,	et al, Tennen	Yuki Kagobu	itsu Toronkai Ko	en Yoshishu (ָסצעג,), 38 , 49-34	. (English Abstract)	

LE. TOWERTMENT OF COMMERCE FORM PTO-1449 ATTY, DOCKET NO. SERIAL NO. (REV. 2-32) PATENT AND TRADEMARK OFFICE ACY-33,316 09/321,182 INFORMATION DISCLOSURE APPLICANT Sridhar Krishna Rabindran, STATEMENT BY APPLICANT Haiyin He, Maya Prakash Singh, Lee Martin Greenberger (Use several sheets if necessary) FILING DATE ... GROUP 5/27/99 1642 U.S. PATENT DOCUMENTS EXAMINER FILING DATE INITIAL DOCUMEN'T NUMBER DATE CLASS NAMU SUBCLASS III APPROPRIATI ۸۸ ٨B ۸C ΔD, ΛE VI: ΛG MΙ ΛI ΛJ ٨K FOREIGN PATENT DOCUMENTS TRANSLATION DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS ۸L ۸м ΛN KO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) C.B. Cui et al., Journal of Antibiotics, June 1996 ٨R T. Hino and M. Nakagawa, Heterocycles, Vol. 46, 1997 ۸s H. Wang and A. Ganesan, Tetrahedron Letters, Vol. 38, No. 24, pp. 4327-4328, 1997

YES

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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STATEMENT BY APPLICANT

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FORM PTO-1449 (REV. 2-32)

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APPLICANT Stidhar Krishna Rabindran Halyin He; Maya Prakash Singh; Lee Martin

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OTHER DOCUMENTS (Including Author, Title, Date, Perthent Pages, Etc.)

9	26/	ΛQ	Tannock, I.F., J. Clin. Oncol., 14, 1756-1764, 1996	
	1	AR	Loe, D.W., et al, European J. Cancer, 32A, 945-957, 1996	
	29	۸s	Greenberger, L.M., et al, Oncol. Res., 8, 207-218, 1996	

EXAMINER

DATE CONSIDERED



FORM PTO-1449 (REV. 2-32)

U.S. DEPARTMENT OF COMMERCE

PATENT AND TRADEMARK OFFICE

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- Joh	NAQ	Q Lois, A.F., et al, Cancer Res., 55, 4010-4013, 1995	
2	V AR	Yang, C.II. et al, Cancer Res., 55, 4004-4009, 1995	
50	Ø AS	S Bow, E.J., J. Clin. Oncol., 14, 1345-1352, 1996	

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DATE CONSIDERED

FORM PTO-1449 (REV. 2-32)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTY, DOCKET NO.

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INFORMATION DISCLOSURE

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

4	20	ΛQ	Goldstein, L.J., Current Prob. Cancer, 19, 65-124, 1995	
		AR	Brock, 1., et al, Cancer Res., 55, 459-462, 1995	
5	200	γs.	Harker, W.G. et al., Cancer Res., 55, 4962-4971, 1995	

EXAMINER

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FORM PTO-1449 (RIEV, 2-32)

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

5	28	ΛQ		Abe, T., et al, Br.J.Cancer, 72, 418-423, 1995
		AR	<u> </u>	Tasaki, Y., et al., J. Urology, 154, 1210-1216, 1995
4	49)	AS		Gekeler, V., et al, Biochem. Biophs. Res. Commun., 206, 119-126, 1995

EXAMINER

DATE CONSIDERED



FORM PTO-1449 (REV. 2-32)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTY, DOCKET NO. ACY-33,316

SERIAL NO.

INFORMATION DISCLOSURE

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599	۸Q	-	Fu	tsch	er,	B.W.	et al,	Blochem, Pharma	col., 47,	1601-1606	1994	
	AR		Flo	ens,	м.Л	. et	al, Ca	mcer Res., 54, 4	557-4563,	1994		
509	AS		l.e.	ler,	Ι.,	et.	al, J.	Biol.Chem, 269,	27807-278	10, 1994		
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FORM 1/TO-1/49 (REV. 2-32)

U.S. DEPARTMENT OF COMMERCE

PATENT AND TRADEMARK OFFICE

SERIAL NO.

INFORMATION DISCLOSURE

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506	ΛQ		Cole.	s.r.c.	. :	cal, (Cancer Res., 54, 590	2-5910	. 1994		
	AR		Zaman	, C.J.R	,	et al.,	Proc. Natl. Acad. S	Sci, US	A, 91, 88	22-8826,	1994
500	AS		Jedli.	tachky,	G.	et al	, Cancer Res., 54, 4	1833-48	36, 1994		
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EXAMINER

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FORM PTO: 1449 (REV. 2-32)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTY, DOCKET NO. ACY-33,316

SERIAL NO.

INFORMATION DISCLOSURE

09/321,182

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U.S. PATENT DOCUMENTS

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

50	7/^(5	Sikic, B.I., et al, J. Clinical Reversal of Multidrug Resistance in Anticancer Drug Resistance, L.J. Goldstein and R.F. Ozols, Editor,
	٨١		Kluwer Academic Publishers, Norwell, MA 149-165, 1994
	7) 1/2	s	Zhang, X.P., et al, Oncol. Res., 6, 291-301, 1994
	7		

EXAMINER

U.S. DEPARTMENT OF COMMERCE
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DATE CONSIDERED



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE ATTY, DOCKET NO. SERIAL NO. (REV. 2-32) PATENT AND TRADEMARK OFFICE ACY-33,316 09/ 321,182 APPLICANT Sridhar Krishna Rabindran INFORMATION DISCLOSURE STATEMENT BY APPLICANT Haiyin He; Maya Prakash Singh; Lee Martin GROUP Greenberger FILING DATE (Use several sheets If necessary) 5/27/99 1642 U.S. PATENT DOCUMENTS BEAMMER THING DATE THETTAL DOCUMENT NUMBER CLASS DATE NAME SUBCL IF APPROPRIATE ۸۸ ΛB ۸C ΛD ΛE ٨ŀ ٨G ΛH ۸I ٨J ٨K FOREIGN PATENT DOCUMENTS TRANSLATION OCUMENT NUMBER CLASS DATE COUNTRY SUBCLASS YES Λ١. ΛN ΛŌ ۸P OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Cottesman, M.M. and Pastan, I., Annu. Rev. Blochem, 62, 385-427, 1993 ΛQ

AQ Gottesman, M.M. and Pastan, T., Annu. Rev. Blochem, 62, 385-427, 1993

AR Arceci, R.J., Blood, 81, 2215-2222, 1993

Scheper, R.J. et al, Cancer Res., 53, 1475-1479, 1993

EXAMINER

DATE CONSIDERED

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FORM PTO-1449 (REV. 2-32) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

59	25	ΛQ	Nakagawa, M., et al, Cancer Res., 52, 6175-6181, 1992	
		ΛR	 Chabner, B.A., Campothecins, J.Clin.Oncol., 10, 3-4, 1992	
50	P)	AS	Versantvoort, C.H.M., et al, Br.J.Cancer, 68, 939-946, 1993	

EXAMINER

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